Wheel Bearings

WHEEL BEARING ADJUSTMENT

ADJUSTMENT

NOTE — Correct wheel bearing adjustment is very important on vehicles with disc brakes, as too much end play in bearings will cause disc wobble and brake damage.

NOTE — On all cars with disc brakes, caliper assembly must be removed before disc and hub, in order to work on wheel bearings. Caliper-to-disc clearance is very critical on these vehicles. It is not necessary to disconnect brake hoses in order to remove caliper assembly. Wire caliper out of the way (do not hang on brake hose).

NOTE — To seat bearings properly, hub must be turning while tightening adjusting nut. If cotter pin holes do not line up, back off nut only enough to insert cotter pin.

CHRYSLER CORP.

Front Wheels (W/O Nut Lock) — Tighten wheel bearing adjusting nut to 50 ft. lbs. (25 ft. lbs. on 1965-67 "A" Models). Back off adjusting nut $^1/_6$-¼ turn to align cotter pin holes in adjusting nut with hole in spindle. Install cotter pin in hole.

Front Wheels (W/Nut Lock) — Tighten wheel bearing adjusting nut to 300 INCH lbs. Back off adjusting nut $^1/_6$-¼ turn, and position nut lock over adjusting nut. Install cotter pin in hole in spindle.

FORD MOTOR CO.

Front Wheels — Tighten wheel bearing adjusting nut to 50 ft. lbs. Back off adjusting nut, then retighten nut finger tight. Install nut lock, and cotter pin. Check that final end play is .001-.010".

GENERAL MOTORS

Front Wheels (Except GMC Motor Home) — Tighten wheel bearing adjusting nut to 12 ft. lbs. Back off adjusting nut, then retighten nut finger tight. Loosen nut $^1/_{12}$-$^1/_6$ turn, and install cotter pin. Check that final end play is .001-.005".

Front Wheels (GMC Motor Home) — Front wheel bearings on GMC Motor Home require no adjustment. If end play is excessive, replace wheel bearing.

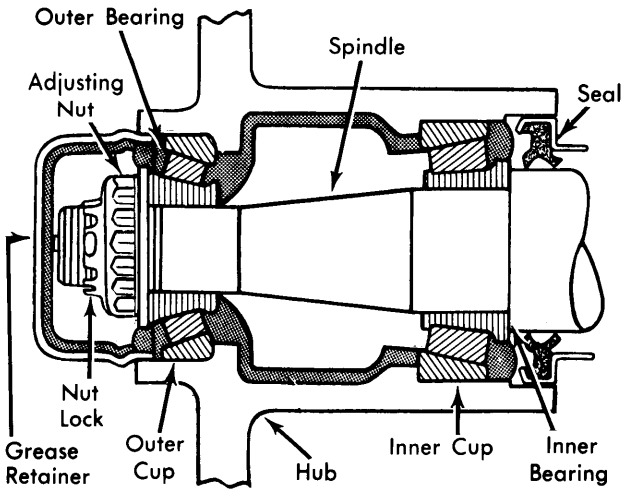
Rear Wheels (GMC Motor Home) — Tighten wheel bearing adjusting nut to 25-30 ft. lbs. Back off adjusting nut, then retighten nut finger tight. Loosen nut $^1/_{12}$-$^1/_6$ turn, and install cotter. Check that final end play is .001-.005".

INTERNATIONAL HARVESTER

Front Wheels — Tighten wheel bearing adjusting nut to 30 ft. lbs. Back off adjusting nut ¼ turn and retighten nut finger tight. Back off nut slightly, and insert cotter pin. Tighten lock nut to 50-100 ft. lbs. (50-70 ft. lbs. on Scout Models). Check that final end play is .001-.010".

JEEP

Front Wheels — With driving flange, lock nut, and lock washer removed from hub, rotate wheel and tighten wheel bearing adjusting nut until wheel just begins to bind. *CAUTION — Do not tighten to over 50 ft. lbs. to prevent damage to wheel bearings.* Back off nut $^1/_6$ turn, and make sure wheel rotates freely without sideways shake. Replace lock washer, and lock nut, then install driving flange.



3DO01

FRONT WHEEL BEARINGS